

time extent, which is positioned last along a reproduction direction in which the already-recorded real-time data is reproduced, and proceeding in a direction opposite to the reproduction direction, and when it is calculated that an underflow will occur, searching, among the at least one real-time extent, every real-time extent that will cause the underflow and every real-time extent that will not cause the underflow on accessing the one of the least one pre-allocated area;

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cancel*
a data recording section recording, in the at least one pre-allocated area, the underflow data which is already recorded in said every real-time extent that will cause an underflow, the third data, and the real-time data to be appended; and

a file structure processing section for designating as a new real-time extent an area among the at least one pre-allocated area in which the underflow data, the third data, and the real-time data to be appended, and recording the file management information for managing the real-time data to be appended and the already-recorded real-time data in the volume space.

REMARKS

Claims 86-94 are now pending in the application. Favorable consideration of the application, as amended, is respectfully requested.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Serial No.: 09/881,939

Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP



Mark D. Saralino
Reg. No. 34,243

DATE: April 2, 2002

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.



April 2, 2002

DATE